
Edward Mensah-BIOGRAPHICAL SKETCH--2015

NAME Mensah, Edward, K.	POSITION TITLE Associate Professor of Health Economics and Information Management
----------------------------	--

EDUCATION/TRAINING:

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
University of Ghana, Legon,	B.S.	06/75	Ag. Economics
Ibadan University, Nigeria	MPhil.	06/77	Ag. Economics (Production Economics and Operations Research)
Iowa State University, Ames, Iowa	PhD	09/80	Economics(Public Finance and Resource Economics)
University of Chicago, Chicago, Illinois	Post-doctorate	3/83	Health Economics; Resource (Environmental and Energy) Economics; Technology Evaluation

Positions and Employment

Fall 2002-present	Director, Public Health Informatics Program, Division of Health Policy and Administration, School of Public Health, University of Illinois at Chicago, Chicago Illinois, 60612
August 1998 to 7/99	Faculty Fellowship Training in Administrative Procedures, Office of the Vice President for Academic Affairs, University of Illinois, Urbana-Champaign, Illinois
June 1996 to Present	Associate Professor, Division of Health Policy and Administration (Health Economics), School of Public Health, The University of Illinois at Chicago, Chicago, IL. 60612
8/98 to 7/99	Faculty Fellow, Information Economics and Technology, University of Illinois, Urbana-Champaign

Winter Session, 1997	Visiting Professor, Faculty of Law, Economics and Political Science, the University of La Reunion, St. Denis, La Reunion, France
September 1990 to June 1996	Assistant Professor, Health Policy and Administration School of Public Health The University of Illinois at Chicago, Chicago, IL
September 1992 to September 1995	Systems Analyst: Center for Environmental Restoration, Energy Systems Division, Argonne National Laboratory, Argonne, IL
September 1987- September 1989	Visiting Scholar, Departments of Economics and Political Science, The University of Chicago, Chicago, Illinois.

Other Experience and Professional Memberships

2009- Present, Editor-in-Chief, The Online Journal of Public Health Informatics (<http://ojphi.org>)

2010--- 2012. Member of the Steering Committee, Patient Centered Care Collaborative to Improve Minority Health (PCCC), U.S. Department of Health and Human Services (Washington, D.C)

2010-2013, Economic Consultant for CDC funded Tuberculosis Epidemiologic Studies Consortium.

2007--- Member of the Advisory Board, Health Information Exchange Committee
State of Illinois

2010-2013, Guest Instructor in Information systems Sustainability and Evaluation
Public Health Informatics Fellowship Program, The Centers for Disease Control and Prevention (CDC)
Atlanta, Georgia

2000-Present, Member, American Economic Association

2000-Present, Member, American Public Health Association

2005-Present Member, American Medical Informatics Association

Selected Peer-Reviewed Articles in Health Economics, Health Services Research, and Health Policy:

1. An Assessment of the Effectiveness of the Employee Assistance Program of a Multinational Corporation, International Association of Management Journal 9(2), 27-48, 1997 (with Seth Bridges Adjei and Kevin Croke)

- 2 Feasibility of a Rapid Diagnostic Protocol for an Emergency Department Chest Pain Unit, Annals of Emergency Medicine, 1997, 19(99), (with Zalenski, RJ, Rydman, RJ, et.al)

- 3 An Evaluation of an Rapid Diagnostic Protocol to Exclude Acute Myocardial Infarction and Cardiac Ischemia Archives of Internal Medicine, 1997, 29(1), (with Zalenski, RJ et. al)
- 4 Costs of an Emergency Department-Based Accelerated Diagnostic Protocol vs. Hospitalization in Patients With Chest Pain; A Randomized Control Trial, The Journal of American Medical Association, 1997, 278(26), 1670-1676 (with Roberts R. R., Zalenski, R.J., et. al.)
- 5 Costs of Home and Community-Based Long-Term Care Services to the Cognitively Impaired Aged, The Journal of Mental Health and Aging, 1998, 4(1), 69-82 (with Paveza, G., Cohen, D., Williams, S., and Jankowski, L.).
- 6 A Physician House call Program for the Homebound, Joint Commission Journal on Quality and Safety, 2004, 30(5), 266-276 (with Muramatsu Naoko, and Cornwell Thomas).
- 7 Influence of Religiosity on HIV Risk Behavior in Active Injection Drug Users, 2005, AIDS Care, 17(7), 892-901 (with Hosnam M., Sinacore, J.M., Levy J.A).
- 8 Catalytic Hydrolysis of VIP in Pregnant Women with Asthma, The Journal of Asthma, 2006, 43(6), 429-432, (with Olopade Christopher O., Yu John, Abubaker Jawed, and Paul Sudhir).
- 9 The Performance of Medicare, Medicaid, and Individual Commercial Products, Journal of Healthcare Management, Vol 51(3): 156-169, 2006 (with Diane Howard, Kevin Croke, and Ross Mullner).
- 10 Obesity, Ethnicity, and Sleep-Disordered Breathing: Medical and Health Policy Implications, Clinics in Chest Medicine, Vol 27 (3): 521-534, 2006 (with Caroline See and Christopher Olopade)
- 11 Complying with a Corporate Global Noise Surveillance Procedure-Do the Benefits Outweigh the Costs? American Association of Occupational Health Nurses Journal, Vol 54 (8): 369-377, 2006 (with Patricia Bertsche and Thomas Stevens).
- 12 Association of Educational Attainment with HIV Risk in African American Active Injection Drug Users, AIDS Care, Vol 9(1): 87-91, 2007 (with M. Hasnain, J.A. Levy, and J.M Sinacore).
- 13 Noninvasive Determination of Brain Tissue Oxygenation During Sleep in Obstructive Sleep Apnea: A Near-Infrared Spectroscopic Approach, Sleep, 2007, 30(12), 1747-55. (with Olopade, S., Gupta R.,Huo, H.,Pichetti, D., and Gratton, E.)
- 14 A Guide to Interpreting Economic Studies in Infectious Diseases, Journal of Clinical Microbiology and Infection (European Society of Clinical Microbiology and Infectious Dideases), 2010, Vol 16:1713-1720 ((with Rebecca Roberts and R.A. Weinstein) .)
- 15 Supplier-Induced Demand. The Encyclopedia of Health Services Research, Mensah, E., Dennis Cesarotti (2010), Sage Publications, Inc.
- 16 Iraqi Physician Brain Drain in Prolonged Conflict, The New Iraqi Journal of

Medicine, 2011; 7(1): 88-98 (with John Quinn, Helena Hnilicova, and Vladimir Bencko)

17. Factors affecting the internal brain drain of Saudi healthcare professionals; *Zuhair B, Ameerah M, Mensah E, and Croke K. Saudi Medical Journal* (2012), Vol. 33(12)

18. Social Networking Site Usage among Childhood Cancer Survivors—A Potential Tool for Research Recruitment; *Journal of Cancer Survivorship*, Springer, Feb 16, 2014. Erica D. Seltzer, Melinda R. Stolley, Edward Mensah, Lisa K. Sharp.

18. Generation and Distribution of Total Factor Productivity Gains in US Industries; *Applied Economics* (forthcoming 2017), With Jean-Philippe B., Herve L.

19. Transforming Brain Drain into Brain Gain: Evidence From sub-Saharan Africa Diaspora Clinicians in North America; *Journal of Health Systems and Reform* (under review). With Sola O.

Peer reviewed articles in public health informatics

1. Data Sources and Data Tools for Public Health Informatics. In *Public Health Informatics and Information Systems*, 2nd Edition, Springer Publications, 2014, Chapter 7, Pages 107-131. Mensah, E. and Johanna Godeere.
2. Complying with a Corporate Global Noise Surveillance Procedure- Do the Benefits Outweigh the Costs? *American Association of Occupational Health Nurses Journal*, Vol 54 (8): 369-377, 2006 Mensah, E. Patricia Bertsche, and Thomas Stevens
3. Geographic Information Systems in Public Health and Medicine, *Journal of Medical Systems*, vol. 28, no 3, pp 215-221, June 2004 <http://uofil.na5.acrobat.com/r93574316/> Mensah E., Mullner, R., Kevin Croke, and Ching, K.
4. Reimbursement Optimization and the Quality of Multihospital Discharge Databases. Mensah E., and Claire Dixon- Lee. *Topics in Health Information Management*, vol 16, no 3, 1996
5. Computer Assisted Information Systems for Ambulatory Cervical Cancer Screening and Follow-up Treatment Mensah E, and Powell, T. *Journal of Health Information Management Research*, 2:27-41, 1994.

Workshops. Presentations. and Technical Reports:

1. A Rule-Based Expert System for Real Estate Financing: An Application to Properties With Environmental Hazards, Proceedings of the Fourteenth Annual Conference of the National Association of Environmental Professionals, Reno, Nevada, June 1989 (with Croke, K.).
2. A Rule-based Expert System for Financing Asbestos Contaminated Buildings", 29th Joint National Meeting of The Institute of Management Sciences and Operations Research Society of America, Las Vegas, NV, May 7-9, 1990 (with Croke, K.).
3. Microeconomics of Digital Information: A Theoretical Review of the Market for Health

- Information, School of Biomedical and Health Information Sciences, University of Illinois at Chicago, March 23, 1998.
4. Economics of Digital Information: Telemedicine and Telepublic Health Applications, Dean's Research Forum, School of Public Health, University of Illinois at Chicago, April 14, 1999
 5. Valuing the Returns on Investment in Online Education at the University of Illinois: A Case Study of the Library Education Experimental Program, Mensah, E. Office of the Vice President for Academic Affairs, University of Illinois, Urbana-Champaign, December 1999.
 6. Valuing the Private and Social Returns on Investments in Online Education; presented at Conference on Information and Education, The European Commission Information Society, Marseille, France, 12-13 October, 2000.
 7. A Bridge to the Future: Preparing Information Technology to Promote Public Health In Africa, Mensah, E. Health Views, School of Public Health, UIC, Fall 2001.
 8. The Development and Implementation of an Online Public Health Informatics Program at the University of Illinois at Chicago; presented at American Medical Information Management Association(AMIA), Portland Oregon, 2003 (with Croke, K.).
 9. Online Public Health Informatics Program at the University of Illinois at Chicago: Impacts on the Health Information Infrastructure In Developing Countries; presented at South African Health Informatics Association Conference, Johannesburg, South Africa, 12-15 October, 2003.
 10. The utilization of Online Public Health Informatics for Workforce Training; presented at the Metropolitan DC Public Health Association Workshop, June 11th, 2004.
 11. IT Matters in Healthcare, in Health IT-World: Mensah, E. The Executive Information Source on Healthcare's Enabling Technologies, June 5, 2006.
 12. Estimating the Perceived Value of Enterprise-Wide Health Information Systems, Mensah, E. A Project Report Presented to the Illinois Department of Human Services, September 2006.
 13. Illinois Electronic Health Records and Plan, A Project Presented to the Illinois Department of Public Health, December 2006 (prepared with members of the Governor's Taskforce on Electronic Health Records).
 14. Information Infrastructure for Health Knowledge Management; presented at Global Partnership for Public Health Informatics, Center for Public Health Informatics, University of Washington, Seattle, July 7th 2007.
 15. *Information Infrastructure for Health Knowledge Management*. Mensah, E. Global Partnership for Public Health Informatics, Seattle, Washington, . September 14th 2007
 16. *On the Determinants of the Value of Enterprise-Wide Health Information Systems*. Mensah, E. American Public Health Association, Washington, District of Columbia, November 2010
 17. The Economic Burden of Communicable and Non-Communicable Diseases in Sub-Saharan Africa, Mensah, E . Symposium of African and German Academy of Arts and Sciences, Leopoldina, Hamburg, Germany, November 2012
 18. Evaluation of Market Penetration of Illinois Health Information Exchange Direct Messaging Service. Mensah, E. Presented to the Illinois Office of Health Information Technology, May 2013
 19. The Adoption of e-Prescription Technologies in Illinois, Mensah, E . Presented to the Illinois Office of Health Information Technology, September 2013

20. The Adoption of Electronic Laboratory Information Systems in Illinois. Mensah, E . Presented to the Illinois Office of Health Information Technology, November 2013
21. Economics, Health Systems, and Clinical Brain Drain in Sub-Saharan African Countries. Mensah, E. Presented at the Center for Global Health, The University of Chicago Medicine and Biological Sciences, Chicago, Illinois, April 2016.
22. The Impact of Health Information Exchange on Healthcare Outcomes and Costs, Mensah E., Enyia, O. Presented at the Public Health Informatics Conference, Atlanta, Georgia, August, 2016.
23. Economics of Medical Tourism in African Countries. Mensah, E. To be presented at Northwestern University School of Medicine, Chicago, Illinois, October, 2016.

Software Development (Health Information Systems):

1. Legislative Response System (LRS) Version 1.0; software developed for the American Academy of Dermatology (AAD) to automate communication between AAD members on bills pending in the state legislature, 1993 (with Rao, H.P.).
2. Superfund Management And Remediation Technology (SMART). A software for monitoring the performance (costs, timelines, environmental indicators, technology choice) of the cleanup process at Superfund sites in region V (Illinois, Indiana, Ohio, Michigan, Wisconsin and Minnesota). Developed for USEPA Region V, 1995(with Kamal, B., Brody, T. and Rao, H.P).
3. African American Hypertension Control Registry (AAHCOR) Version 1.0; Uses advanced Graphical User Interface (GUI) to track patients, expedite search procedures and produce patient reports, 1995 (with Kanakadankila, K.).
4. HomeCare Patient Management Information System (Home Ver 1.0). A software for care management of homebound patients in DuPage County, Illinois. November 1998.

Book Reviews

The Economics of Health Reconsidered, Thomas Rice, Health Administration Press, Chicago, 1997

Handbook of Economic Evaluation of HIV Prevention Programs, David R. Holtgrave, Plenum Press, 1998.

Public Health Informatics and Information Systems, O'Carroll, P., Yasnoff, W., Ward, M.E., Ripp,L., and Martin, E.L., Editors, Springer-Verlag, 2002

Ongoing Research

1. The Market for African Diaspora Physicians: Policies for Valuing Brain Drain and Brain Gain
2. The Affordable Care Act: Technology -Enhanced Substitution and Complementarity Between Physicians, Physician Assistants, and Nurse Practitioners in the Delivery of Primary Care Services.
3. Economic Evaluation of Global Health Information Systems

Honors

Chair of Educational and Research Committee: Health Informatics and Information Technology Section of American Public Health Association